OLS180
Off-line Switching Power Supply/Charger

Rev. DSOLS180_02212012

OLS180

Overview

This Altronix power supply/charger converts a 115VAC, 50/60Hz input, into a 12VDC or 24VDC output @ 6 amp continuous supply current (see specifications). This unit has a wide range of applications for access control and security system accessories that require additional power.

Specifications

Input:
- 115VAC, 50/60Hz, 1.9 amp.

Output:
- 12VDC or 24VDC selectable output.
- 6 amp continuous supply current.
- Filtered and electronically regulated output.
- Short circuit and thermal overload protection.

Battery Backup:
- Built-in charger for sealed lead acid or gel type batteries.
- Automatic switch over to stand-by battery when AC fails.
- Maximum charge current 0.5 amp.

Supervision:
- AC fail supervision (form "C" contacts).
- Low battery supervision (form "C" contacts).

Visual Indicators:
- AC input and DC output LED indicators.

Electrical:
- Operating temperature: –20º C to 49º C ambient.
- BTU/Hr.:
  - 12VDC: 27 BTU/Hr.
  - 24VDC: 55 BTU/Hr.
- System AC input VA requirement: 218.5VA.

Mechanical:
- Product weight (approx.): 2.0 lbs. (0.91 kg.).
- Shipping weight (approx.): 2.2 lbs. (1.0 kg.).

Features:
- Power ON/OFF switch.
- Includes battery leads.

Board Dimensions *(L x W x H) (approximate)*:

7.234" (183.76mm) x 4.504" (114.42mm) x 1.797" (45.66mm)